



505784

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## Facility Details

**Facility ID** 57006871  
**Facility Name** DAYTON POWER & LIGHT CO.  
**Address** 1900 DRYDEN RD  
**City/State/Zip** DAYTON, OH 45439  
**Phone**  
**County** Montgomery  
**24 HR  
Emergency  
Contact** WILLIE JONES  
**24 HR  
Emergency  
Phone** (937)331-4164  
**Latitude**  
**Longitude**  
**PUSTRCB#**

## Current Owner Details

**Owner Id** W008529  
**Owner Name** DAYTON POWER & LIGHT CO.  
**Address** 1065 WOODMAN DR  
**City/State/Zip** DAYTON, OH 45432  
**Phone** 937-224-6000

<u>Release #</u>	<u>Date Reported</u>	<u>Status</u>	<u>Old Incident #</u>
57006871- N00002	4/6/1990	NFA: No Further Action	570086000.0
57006871- N00001	4/24/1989	CAP: Corrective Actions in Progress	57928600.0

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## Release Details

<b>Release #</b>	57006871-N00001
<b>Date Reported</b>	4/24/1989
<b>Sensitive Area</b>	Yes
<b>Well Head Protection Area</b>	No
<b>Soil Category</b>	Sand/gravel soil
<b>Soil Classification</b>	
<b>Coordinator</b>	Bauman
<b>Status</b>	CAP: Corrective Actions in Progress
<b>CAP Date</b>	4/8/2002
<b>LTF Code</b>	1 SUS/CON from regulated UST
<b>CA Rule</b>	1992
<b>Actions By Owner/Operator</b>	
<b>Cleanup Technology</b>	
<b>Soil Contamination</b>	Yes
<b>Above Action Level</b>	Benzene;Toluene;Ethyl-benzene;Total Xylenes;TPH
<b>Ground Water Contamination</b>	Yes
<b>Ground Water Type</b>	Benzene;Toluene;Ethyl-benzene;Total Xylenes
<b>Above Action Level</b>	Benzene

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**DAYTON POWER AND LIGHT COMPANY  
TRANSPORTATION SERVICES  
INCIDENT # 579286-00**

**BACKGROUND**

In April 1989, two 10,000 gallon gasoline underground storage tanks were removed from the Dayton Power and Light Company Transportation Services vehicle maintenance facility located at 1900 Dryden Road in Dayton, Ohio. It was verified during the removal process that neither tank was leaking. However, an odor of gasoline was noted from the tank excavation. Contaminated soil was removed from the cavity and a site investigation was conducted. A report of this site investigation was submitted to BUSTR on November 15, 1989. Additional site investigation work was performed during 1990. Results of the additional investigative actions were submitted to BUSTR as part of a Corrective Action Plan on October 22, 1990. The site investigation work indicated that no residual soil contamination remained onsite subsequent to the removal of soil from the tank excavation, and it appeared that groundwater contamination may have occurred. Figure 1 is a vicinity map of the location. Figure 2 is a site map indicating former tank and current monitoring well locations.

The Corrective Action Plan was approved in a January 11, 1993 meeting with BUSTR and identified two potential options for remediation of residual onsite groundwater contamination including in-situ bioremediation and groundwater removal/air stripping. It was determined that groundwater removal with air stripping would be the more effective of the two options and a system design was developed. Appendix A includes information on the remediation system design.

This report covers the installation, startup and initial operation of the remediation system.

**PERMITTING**

An air Permit-to-Install application was submitted to the Regional Air Pollution Control Agency (RAPCA) on September 28, 1992. The resultant PTI was received from Ohio EPA on January 21, 1993. A Permit-to-Operate application was submitted to RAPCA on February 12, 1993, and the PTO was received from Ohio EPA on April 5, 1993. A water Permit-to-Install application and NPDES application were submitted to Ohio EPA on July 14, 1993. The water PTI was received on November 4, 1993, and the final NPDES permit was received on January 5, 1995, and became effective February 1, 1995.

**SYSTEM INSTALLATION**

In April 1995, Dayton Power and Light selected Environmental Science and Engineering (ESE) as the primary contractor for remediation system installation.



DAYTON POWER AND LIGHT COMPANY  
TRANSPORTATION SERVICES  
INCIDENT # 579286-00

Installation design review, necessary equipment procurement, recovery well installation and remediation system installation were completed by September 1995.

Air emission limits and system influent contaminant concentrations dictated the flow rate of water processed by the air stripper. Maximum system design flow rate is 25 gallons per minute. Recovery well water samples were collected on August 17, 1995, and analyzed for Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) according to Method 602 as well as total organic carbon. Results are included in Table 1. Based on analytical results and air emission limitations contained in the air permit to operate, an initial system flow rate of 19 gallons/minute was selected.

SYSTEM STARTUP/OPERATION

System installation was completed and system operation commenced on September 11, 1995. Routine monthly groundwater influent samples are collected and analyzed for BTEX. Quarterly influent samples are analyzed for total organic carbon pursuant to the air emission permit. System effluent samples are collected and analyzed monthly for BTEX, total organic carbon, total lead, oil and grease and pH as required by the NPDES permit. Monitoring well samples are collected and analyzed quarterly for BTEX and total organic carbon in order to monitor the remediation effort. Table 2 identifies system monitoring parameters and frequency.

Since startup, the system has been operating within the design parameters. Effluent samples have indicated levels of BTEX in the effluent below permit limits. Based on remediation system influent sample results, and flow rates, the system has complied with air emission limits. Tables 3-12 include monitoring well and system effluent results.

System operation will continue and results will be reported to BUSTR as they become available.





Site Location  
Dayton Power & Light  
Dryden Road  
1900 Dryden Road  
Moraine Township  
Montgomery County  
Dayton, Ohio

FIGURE 1



Adapted from 7.5' USGS topographic quadrangle: Dayton South, 1981.





## Ohio Department of Commerce

Division of State Fire Marshal  
Bureau of Underground Storage Tank Regulations  
6606 Tussing Road • P.O. Box 687  
Reynoldsburg, OH 43068-9009  
(614) 752-7938 FAX (614) 752-7942  
[www.com.state.oh.us](http://www.com.state.oh.us)

Bob Taft  
Governor

Gary C. Suhadolnik  
Director

NOVEMBER 20, 1999

SCOTT ARENTSEN  
DAYTON POWER & LIGHT  
PO BOX 8825  
DAYTON OH 45401

SITE: DP&L TRANSPORTATION  
CENTER  
1989 REMOVAL  
1900 DRYDEN RD  
DAYTON OH OH  
MONTGOMERY COUNTY  
INCIDENT #579286-00

RE: REMEDIAL ACTION PLAN REQUEST

Dear Mr. Arentsen:

The Bureau of Underground Storage Tank Regulations (BUSTR) reviewed your report titled "Third Quarter Groundwater Monitoring" dated October 28, 1999, BUSTR determined that the contamination in GW-4 & GW-5 has increased to unacceptable levels for a monitoring only remedial action plan (RAP). BUSTR has reviewed the files of the properties across the street and has not found a probable source of offsite contamination. BUSTR also requires that DP&L either restart the groundwater pump and treat system (previously approved RAP) or propose a new RAP within 120 days of the date of this letter.

On March 31, 1999, a new corrective action rule became effective. A provision of this rule allows owners/operators with releases confirmed prior to March 31, 1999 to elect to conduct corrective actions under the 1999 rule. A Fact Sheet explaining this option and other relevant publications can be found on the State Fire Marshal's web-site at [www.com.state.oh.us/sfm](http://www.com.state.oh.us/sfm).

Thank you for your cooperation. If you have any questions, please contact me at (614) 752-4232.

Sincerely,

A handwritten signature in cursive script that reads "Raymond Bauman".

Raymond Bauman  
Environmental Specialist

xc: Site File  
Richard Brinkman, Montgomery Co Wellfield Protection





Working For You Today And Tomorrow

Scott Arentsen  
Environmental Management  
(937) 331-4483 phone  
(937) 331-4441 fax  
[Scott.Arentsen@dplinc.com](mailto:Scott.Arentsen@dplinc.com)

57006871-N 1

RECEIVED

2000 MAR 15 A 9 18

STATE FIRE MARSHAL  
BUSTR

March 13, 2000

Mr. Raymond Bauman  
Environmental Specialist  
Division of State Fire Marshal  
Bureau of Underground Storage Tank Regulations  
6606 Tussing Road  
P.O. Box 687  
Reynoldsburg, OH 43068-9009

RE: DP&L Transportation Center  
1900 Dryden Road  
Dayton, OH  
Montgomery County  
Incident #579286-00

Dear Mr. Bauman:

In a letter dated November 20, 1999 you requested that Dayton Power and Light (DP&L) either restart the groundwater pump and treat system previously approved for the above referenced site or propose a new remedial action plan. Your letter requested a response within 120 days.

DP&L has determined that restarting the existing groundwater pump and treat system at the site is neither practical nor feasible and has requested and received proposals from vendors on alternative options. The Company is in the process of performing an evaluation of the submitted proposals. Consequently, DP&L requests a 45 day extension of the response date. A new remedial action plan will be forwarded to BUSTR.

If you have any questions, please call me at (937) 331-4483.

Sincerely,

Scott Arentsen



## Ohio Department of Commerce

Division of State Fire Marshal  
Bureau of Underground Storage Tank Regulations  
6606 Tussing Road • P.O. Box 687  
Reynoldsburg, OH 43068-9009  
(614) 752-7938 FAX (614) 752-7942  
[www.com.state.oh.us](http://www.com.state.oh.us)

Bob Taft  
Governor

Gary C. Suhadolnik  
Director

April 08, 2002

SCOTT ARENTSEN  
DAYTON POWER & LIGHT  
PO BOX 1247  
DAYTON, OH 45401-1247

SITE: DAYTON POWER & LIGHT CO.  
1900 DRYDEN RD  
DAYTON OH  
MONTGOMERY COUNTY  
RELEASE #57006871-N00001

RE: ADDITIONAL INFORMATION REQUESTED

DEAR Mr. Arentsen:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed the facility file. DP&L has proposed a Bioremediation Remedial Action Plan (RAP) for this site and the requirements below were discussed with your consultant on May 23, 2001. Based on our review, BUSTR requests the following information to evaluate the Remedial Action Plan:

1. Collect and analyze a complete round of groundwater samples from all on and off site monitoring Wells and report the results with the addendum to the RAP.
2. The Bioremediation Rap did not include the following required information:
  1. Dissolved oxygen (DO) levels across the site.
  2. Basic oxygen and nutrients mass balance for the soil & gw contamination present
  3. Radius of influence for the air sparging and injection point analysis
  4. An estimate of the time of operation of the remediation system
  5. Monitoring plan must include DO, CO<sub>2</sub>, nutrients and contaminate levels
  6. An analysis for Iron(Fe<sup>2+</sup>)
  7. An evaluation of the suitability of the existing Monitoring wells for use as sparge points.

An order form and other publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at [www.com.state.oh.us](http://www.com.state.oh.us) or by calling our office.

Please submit this information to BUSTR within 120 days from the date of this letter. Thank you for your cooperation. If you have any questions, please contact me at 614-752-4232.

Sincerely,

Raymond Bauman  
Environmental Specialist

XC: Site File  
Jim Shoemaker, Dayton Wellfield Protection,  
Richard Brinkman, Montgomery Co Wellfield Protection





## Ohio Department of Commerce

Division of State Fire Marshal  
Bureau of Underground Storage Tank Regulations  
8895 E. Main St. • P.O. Box 687  
Reynoldsburg, OH 43068-9009  
(614) 752-7938 FAX (614) 752-7942  
[www.com.state.oh.us](http://www.com.state.oh.us)

Bob Taft  
Governor

Lt. Governor Jennette Bradley  
Director

February 12, 2003

SCOTT ARENTSEN  
DAYTON POWER & LIGHT  
PO BOX 1247  
DAYTON, OH 45401-1247

SITE: DAYTON POWER & LIGHT CO.  
1900 DRYDEN RD  
DAYTON OH  
MONTGOMERY COUNTY RELEASE  
#57006871-N00001

RE: APPROVAL TO IMPLEMENT REMEDIAL ACTION PLAN

Dear Mr. Arentsen:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your Addendum to Remedial Action Plan report dated August 2, 2002. BUSTR has determined that the proposed remedial actions are appropriate. BUSTR therefore grants approval to implement the RAP. Ohio Administrative Code 1301:7-9-13(L), effective September 1992, describes your responsibilities for implementing your RAP. If applicable, monitoring reports must be submitted to BUSTR in accordance with the timetable described in your RAP.

Any changes to the RAP must be submitted to and have prior approval from BUSTR. If conditions warrant, BUSTR may require modification of the RAP.

**Any excavated soil shall be managed as petroleum contaminated soil (PCS) unless laboratory analysis indicates otherwise.** Underground storage tank owners and/or operators are requested to complete and submit a "Petroleum Contaminated Soil Form". The completion of this form, along with all applicable supporting documentation, will allow the BUSTR staff to verify proper PCS disposal. A separate form must be completed for each soil pile or containerized soil group.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at [www.com.state.oh.us](http://www.com.state.oh.us) or by calling our office.

Thank you for your cooperation. If you have any questions, please contact me at 614-752-4232.

Sincerely,

Raymond Bauman  
Environmental Specialist

XC: Site File  
Mark Case, Montgomery Co. HD  
Chief Harold Sigler, Moraine FD  
Carol De Vore, PUSTRCB

NO. 5700860 COUNTY Montgomery  
NAME DP&L Service Building  
ADDRESS 1900 Dryden Rd.  
CITY & ZIP CODE Dayton, 45401-1807



**SUSPECTED RELEASE REPORT**

REPORT # 151710101816101.10101.1F1910101

DATE: 4/6/90

**[1] PERSON REPORTING THE RELEASE**

TIME: \_\_\_\_\_

NAME: Mariann Quinn TITLE: Senior Enviro. Specialist PHONE: (513) 227-2565

AGENCY/COMPANY: Dayton Power and Light Company RELATION TO SITE: \_\_\_\_\_

ADDRESS: Courthouse Plaza S.W. CITY: Dayton ST: OH ZIP: 45401

REMARKS: P.O. Box 1247

**[2] SUSPECTED RELEASE LOCATION**

MULTIPLE SUSPECTED SOURCES? ☐ YES ☐ NO ☐ UNDETERMINED COUNTY: Montgomery

FACILITY: DP and L Service Building USTR ID# 57-718

ADDRESS: 1900 Dryden Road

CITY: Dayton ST: OH ZIP: 45401-1807 PHONE: ( )

UST OWNER: \_\_\_\_\_ PHONE: ( )

UST OPERATOR: \_\_\_\_\_ PHONE: ( )

REMARKS: \_\_\_\_\_

FIRE DEPT: Moraine CONTACT: Phil Sinewe PHONE: (513) 299-7312

**[3] CONDITIONS LEADING TO REPORT OF SUSPECTED RELEASE (Check all that apply)**

- ☐ Inventory control results indicate a release may have occurred.
- ☐ Testing, monitoring or sampling results indicate a release may have occurred.
- ☐ Unusual operating conditions observed (e.g., sudden drop in tank volume).
- ☐ Impacts noticed in area surrounding tank (e.g., vapors, well contaminated, run-off).
- ☐ Spill or overflow of petroleum in excess of 25 gallons.
- ☐ Soil/Groundwater contamination discovered during non-closure related investigation.
- ☒ Closure (or replacement) assessment results indicate that a release has occurred.

OTHER CONDITIONS: \_\_\_\_\_

**\*\*\*\*\*COMPLETE REVERSE SIDE\*\*\*\*\***

**[10] REPORT DISPOSITION (Indicate actions taken on reverse side)**

TAKEN BY: White EMERGENCY ACTION? ☐ YES ☐ NO BY: FM OEPA ( )

COORD: Prevention REPORT/ACTION APPROVED: BITst DATE: 4/6/90

LOGGED BY: st DATE: 4/6/90 ENTERED BY: st DATE: 4/6/90

CIRCLE STATUS: RPT SUS DIS CON ICA ICR PRIORITY: 1 2 3 4 CLASS: A B C D LTF NON-LTF

ICC SAS SAC CAS CAP NFA

CLOSURE



== [4] RELEASE INFORMATION ==

DATE FIRST DETECTED: \_\_\_\_/\_\_\_\_/\_\_\_\_ TIME: \_\_\_\_:\_\_\_\_ EST. QUANTITY: \_\_\_\_  
SUBSTANCE RELEASED/DETECTED: \_\_\_\_ GASOLINE \_\_\_\_ DIESEL FUEL \_\_\_\_ KEROSENE \_\_\_\_ USED OIL  
\_\_\_\_ OTHER PETRO \_\_\_\_ HAZ SUBST \_\_\_\_ UNKNOWN EST. DURATION: \_\_\_\_  
MEDIA EFFECTED (Check all that apply): \_\_\_\_ SOIL \_\_\_\_ PAVEMENT \_\_\_\_ BASEMENT \_\_\_\_ SEWERS  
\_\_\_\_ GROUNDWATER \_\_\_\_ SURFACE WATER \_\_\_\_ OTHER: \_\_\_\_  
LTF ELIGIBLE? ☒ YES \_\_\_\_ NO If no, why?: \_\_\_\_

== [5] UST INFORMATION ==

FACILITY REGISTRATION CURRENT? \_\_\_\_ YES \_\_\_\_ NO \_\_\_\_ UNKNOWN (Attach USTR's for all facilities)  
NUMBER OF TANKS: \_\_\_\_ RELEASE DETECTION METHOD: \_\_\_\_

AGE	CAPACITY	-CONST. - MATERIAL	SUBSTANCE STORED	STATUS	AGE	CAPACITY	-CONST. - MATERIAL	SUBSTANCE STORED	STATUS
19	20,000	Steel	Mineral Oil	Removed	____	____	____	____	____
____	____	____	____	____	____	____	____	____	____
____	____	____	____	____	____	____	____	____	____

PROBABLE LOCATION OF RELEASE: TANK NO. \_\_\_\_ PIPE BETWEEN \_\_\_\_ AND \_\_\_\_  
PROBABLE CAUSE: \_\_\_\_  
OTHER POTENTIAL SOURCES AT THIS LOCATION: \_\_\_\_

== [6] SITE/HAZARD INFORMATION ==

IMPORTANT SITE OR SURROUNDING AREA CHARACTERISTICS: \_\_\_\_  
\_\_\_\_  
PROXIMITY TO DRINKING WATER SOURCES: \_\_\_\_

OTHER FIRE/WATER/HEALTH HAZARDS AT THE SITE: \_\_\_\_

== [7] INITIAL RESPONSE ACTIONS BY OWNER/OPERATOR == (Check all that apply)

<input type="checkbox"/> Release confirmation/Investigation	<input type="checkbox"/> Initial site investigation
<input type="checkbox"/> Initial corrective action procedures	<input type="checkbox"/> Site/Assessment/Exposure Assessment
<input type="checkbox"/> Free product removal	<input type="checkbox"/> Unknown/undetermined
<input type="checkbox"/> Long term corrective action plan	<input type="checkbox"/> None

== [8] WERE ANY OTHER AGENCIES NOTIFIED PRIOR TO BUSTR? == (As Reported)

AGENCY: \_\_\_\_ NAME: \_\_\_\_ DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_

== [9] BUSTR ACTIONS TAKEN ==

SENT TO CORRECTIVE ACTIONS

CALLS TO: FD, LHD, LPW, ODH, OEPA/ER, OEPA/DPDW, OEPA/DGW, OTHER



OHIO DEPARTMENT OF COMMERCE - DIVISION OF STATE FIRE MARSHAL  
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS  
7510 EAST MAIN STREET - P.O. BOX 525 - REYNOLDSBURG - OHIO - 43068-3395  
(614) 752-8200

UNDERGROUND STORAGE TANK FACILITY REGISTRATION SUMMARY  
PRINTED: 04/06/90

USTR ID#: 57- 715

COUNTY: MONTGOMERY

FACILITY	OWNER
SPRINGBORO SERV CTR 1900 DRYDEN RD DAYTON OH 45439 FACILITY PHONE: 513-227-2556	DAYTON POWER & LIGHT CO COURTHOUSE PLAZA SW PO BX 1247 DAYTON OH 45401

UST AGE	CAPACITY	MATERIAL	PROTECTION		SUBSTANCE	UST STATUS
			INTERNAL	EXTERNAL		
1 13	20000	1 STEEL	2 UNLINED	3 CATH PROT	4 USED OIL	1 IN USE

\*\*\* END OF FACILITY SUMMARY \*\*\*

5700860

00000508



Dayton Power and Light Company  
Courthouse Plaza S.W., P.O. Box 1247, Dayton, Ohio 45401

**RECEIVED**

APR 5 1990

STATE FIRE MARSHAL  
UNDERGROUND TANK PROGRAM

April 3, 1990

Mr. Michael Nimocks  
Bureau of Underground Storage Tank Regulations  
7510 E. Main Street  
P. O. Box 525  
Reynoldsburg, OH 43068-3395

Dear Mr. Nimocks:

Attached is a closure report for an underground storage tank removed from Dayton Power and Light Company's Dayton Service Building, 1900 Dryden Road, Dayton, Ohio. The tank registration form is also attached. Please remove the tank from DP&L's inventory.

If you have any questions, please call me at (513) 227-2565.

Sincerely,

Mariann Quinn  
Senior Environmental Specialist

3712A:pb

Attachment

00000509



# BOWSER-MORNER

4518 TAYLORSVILLE ROAD, P.O. BOX 51, DAYTON, OHIO 45401

## ENGINEERING REPORT

Report To: Dayton Power and Light Company    Report Date: March 19, 1990  
1900 Dryden Road  
P.O. Box 1807    Report No.: 51228-390-155-R  
Dayton, Ohio 45401-1807

Attention: Mr. Richard K. Miller

Report On: Underground Storage Tank Closure, Dayton Power and Light Company, 1900  
Dryden Road, Dayton, Ohio

### 1.0 INTRODUCTION

This report, prepared for Dayton Power and Light (DP&L), describes the removal of one (1) underground storage tank (UST) at the DP&L facility at 1900 Dryden Road, Dayton, Ohio.

### 2.0 BACKGROUND INFORMATION

The development on the property consists of a large maintenance and office facility. A small, separate oil processing building contains three (3) oil storage tanks in the basement. An above-ground storage tank south of this small building holds PCB-contaminated oil (Figure 1).

The 20,000-gallon UST removed, estimated to be 19 years old, was last leak-tested in 1988 (attached). Mr. Chuck Kinter and Mr. Richard Miller of DP&L informed Bowser-Morner that the UST has seldom been filled at the outdoor fill ports; a transfer line runs from the main building to the oil processing building and into the UST.

5700860

### 3.0 WORK PERFORMED

On January 26, January 29, and January 30, 1990, a Bowser-Morner hydrogeologist was present during the removal of the UST. The specific tasks to be accomplished were:

- Pre-survey the site
- Observe the removal of the UST

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- Obtain soil samples for laboratory analysis
- Provide site assessment and final report

On February 12, 1990, after further excavation of the site, a Bowser-Morner hydrogeologist collected additional samples.

#### 4.0 PRE-REMOVAL SITE SURVEY

DP&L employed Cox's Service Station Maintenance to remove the UST. The fluid in the UST was removed before the Bowser-Morner hydrogeologist's arrival at the site.

On January 26, 1990, a visual site assessment was performed. While the pavement surrounding the UST appeared clean, oil-stained soils were seen immediately beneath this pavement near the fill ports. Staining did not appear to extend deeper than two (2) feet under the fill ports. Lateral extent of the staining was limited to the immediate vicinity of the fill ports. No off-site problems were seen.

#### 5.0 UST REMOVALS

##### 5.1 Permits

A permit issued by the Moraine Fire Department to remove the UST arrived on-site on January 29, 1990.

##### 5.2 Excavation, Removal and Destruction of the UST

On January 26 and January 29, 1990, the UST was excavated using a large trackhoe. It was removed with a crane on January 30, 1990 and left on-site for destruction and removal. On February 12, 1990, the UST excavation was enlarged three to four feet to the north, east, and west in an effort to remove the contaminated soils.

##### 5.3 Field Observations

The fill materials next to the fill ports were examined with a Century OVA 128 Flame Ionization Detector (FID) to scan for organic vapors. No organic vapors were detected in



this and subsequent readings as excavation proceeded. The UST was surrounded by fine sand fill material. After the UST, which was cathodically protected, was removed on January 30, close examination showed no signs of leakage and only slight traces of corrosion.

#### 5.4 Geologic Setting and Groundwater

The UST excavation was cut into twelve to eighteen inches of asphalt and base, six to eighteen inches of fly ash and gravel, and brown sand with fly ash traces to an undetermined depth. The material surrounding the UST appeared to be the same as the construction fill under the parking area. Fly ash content was greatest toward the northeast corner of the excavation. No groundwater was seen in the excavation.

#### 5.5 Free Product

No free petroleum product was seen.

### 6.0 SAMPLE COLLECTION AND ANALYSIS

#### 6.1 Sample Collection

Samples were collected according to the State Fire Marshal's guidelines.

#### 6.2 Details of Sample Collection

Two (2) samples, one from the bottom of the excavation at the north and south ends of the UST, were collected on January 30. Two (2) additional samples, one from the west side of the excavation under the transfer lines and one from the east side of the excavation opposite the transfer lines/fill ports, were collected on the same day. All four (4) samples were surveyed with the FID. While no organic vapors were detected in these samples, all four (4) samples were submitted to the laboratory for analysis.

On February 12, 1990, three additional samples were collected from the north end, east side, and west side of the enlarged excavation. All three samples were surveyed with the FID;



no organic vapors were detected. These three (3) samples were sent to the laboratory for analysis (Table 1). On February 20, 1990, two (2) samples were submitted by Mr. Richard Miller of DP&L to the laboratory for analysis to determine if background TPH was present in the construction fill of the site. One of these samples was collected from the east edge of the parking area, and one was collected from the north end of the excavation, approximately 25 feet from the former location of the UST's fill ports.

TABLE 1  
SAMPLE RESULTS

<u>Sample No.</u>	<u>Location</u>	<u>FID Reading (ppm)</u>
1-1	North Bottom	ND*--1/30/90
1-2	West Bottom	ND*--1/30/90
1-3	East Bottom	ND*--1/30/90
1-4	South Bottom	ND*--1/30/90
1-21	North Bottom	ND*--2/12/90
1-22	West Bottom	ND*--2/12/90
1-23	East Bottom	ND*--2/12/90

ND = None Detected

\*Sent to laboratory for analysis

### 6.3 Sampling Equipment and Containers

Samples were collected six to eight inches below the exposed soil surface with a trowel that was decontaminated before and between uses. The samples were then placed in plastic bags, evacuated of air, and sealed in airtight soil jars for transport to the laboratory.

### 6.4 Sample Dates

All samples were collected on January 30, 1990 and February 12, 1990.

00000513



6.5 Chain-of-Custody

Strict chain-of-custody was achieved by obtaining proper signatures as the samples were taken to the laboratory for analysis. Chain-of-custody documentation is attached.

6.6 Sample Preservation

To preserve them, all samples were kept cool until they were analyzed.

6.7 Name and Affiliation of Person Collecting Samples

Mr. Stephen D. Sommer of Bowser-Morner Associates, Inc., collected all of the samples.

6.8 Name and Affiliation of Third Party Observer

Mr. Phil Sinewe of the Moraine Fire Department was on-site during removal of the UST.

6.9 Name, Address, and Telephone Number of Laboratory

Bowser-Morner, Inc., 4518 Taylorsville Road, Dayton, Ohio 45401

Telephone: (513) 236-8805.

6.10 Field Instrument Calibration

The FID was calibrated on January 12, 1990. The calibration curve is attached.

6.11 Laboratory Results

The laboratory results are listed in Table 2:



TABLE 2  
SAMPLE RESULTS

Parts Per Million (mg/kg)

<u>Sample No.</u>	<u>Location</u>	<u>Total Petroleum Hydrocarbons (TPH)</u>	<u>PCB</u>	<u>Sample Collection Date</u>
1-1	North Bottom	233	< 1	1/30/90
1-2	West Bottom	42	< 1	1/30/90
1-3	East Bottom	73	< 1	1/30/90
1-4	South Bottom	23	< 1	1/30/90
1-21	North Bottom	65	NA	2/12/90
1-22	West Bottom	30	NA	2/12/90
1-23	East Bottom	77	NA	2/12/90
1-211	North Side	167	NA	2/20/90
1-B Background	East Edge, Parking Lot	120	NA	2/20/90

Complete laboratory reports are attached.

#### 7.0 CONCLUSIONS

Elevated Total Petroleum Hydrocarbon (TPH) levels were found in the initial soil samples from this site. The excavation was enlarged and a second series of samples collected from newly exposed soil. These samples showed reduced TPH levels in the north and west areas of the excavation. Background samples were collected at the east edge of the parking area and eighteen inches below the pavement at the north end of the UST cavity to determine the background levels of TPH. Elevated TPH levels were found, indicating the presence of hydrocarbon materials on the surface that probably originated from sources other than the UST.

The low levels of TPH found in the soils of the excavated site are not believed to be a result of product leakage from the UST. TPH levels from soils collected too far away from the UST to be affected by materials in the UST are substantially higher than TPH levels of soils closer to the UST. These elevated TPH levels may be from emissions from heavy traffic and/or fluid fractions originating from asphalt paving activities. The construction fill surrounding the UST is of uncertain origin and may also contribute to elevated TPH levels.

00000519

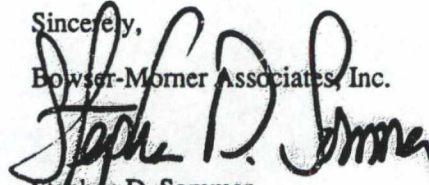


Dayton Power and Light Company  
Report No. 51228-390-155-R  
March 19, 1990  
Page 7

Thank you for selecting Bowser-Morner for this project. Your business is appreciated, and we look forward to working with you again soon. In the meantime, if you have any questions or if I can be of any further assistance to you, please let me know.

Sincerely,

Bowser-Morner Associates, Inc.

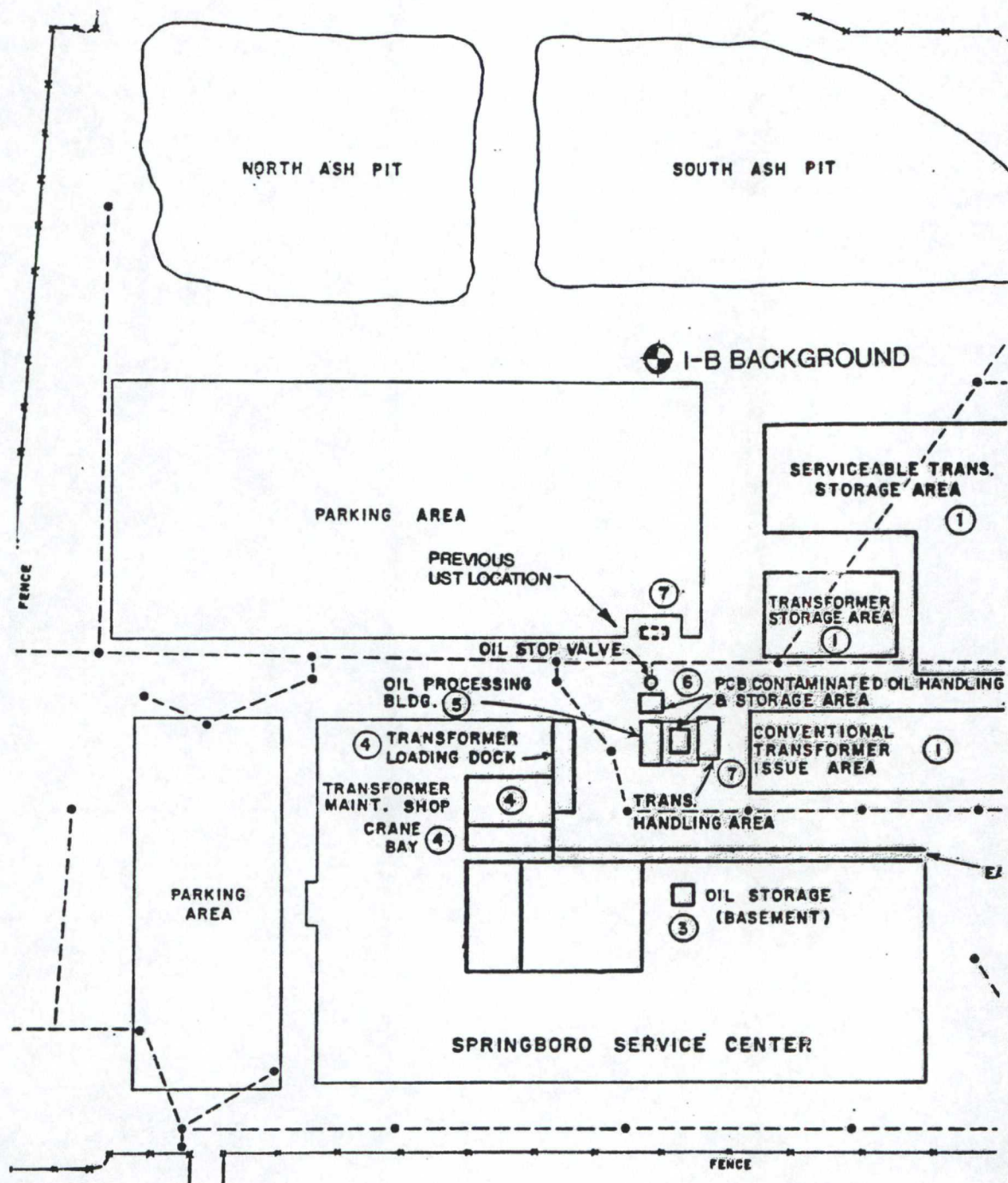
A handwritten signature in black ink, appearing to read "Stephen D. Sommer". The signature is stylized with a large, looped "S" and a cursive "D".

Stephen D. Sommer  
Hydrogeologist

SDS/mwt  
3-Client  
2-File

00000516





## BACKGROUND SAMPLE LOCATION

DP&L DRYDEN ROAD

51228 2-26-90

00000517



# Data Chart for Tank System Tightness Test

PLEASE PRINT

1. OWNER	<input checked="" type="checkbox"/> Property <input checked="" type="checkbox"/> Tank(s)	DAYTON POWER & LIGHT CO. 1900 DRYDEN RD. DAYTON, OHIO 45401 <small>Name Address Representative Telephone</small> CHUCK M. KINTER 513-227-2192 <small>Name Address Representative Telephone</small>																								
2. OPERATOR		DAYTON POWER & LIGHT CO. 1900 DRYDEN RD. DAYTON, OHIO 45401 513-227-2192 <small>Name Address Telephone</small>																								
3. REASON FOR TEST (Explain Fully)		TEST SYSTEM INTEGRITY OF 20,000 GALLON TANK IN OIL PURIFICATION SYSTEM.																								
4. WHO REQUESTED TEST AND WHEN		GARY FINNI LEAD ENVIRONMENTAL SPECIALIST DAYTON POWER & LIGHT CO. 12/87 <small>Name Title Company or Affiliation Date</small> COURTHOUSE PLAZA S.W., P.O. Box 1247 DAYTON, OHIO 45401 513-227-2147 <small>Address Telephone</small>																								
5. TANK INVOLVED		Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass																			
Use additional lines for manitoid tanks		NEXT TO OIL HOUSE	20,000	UNKNOWN	MINERAL OIL	EST. 17 YRS.	S																			
6. INSTALLATION DATA		Location	Cover	Fills	Vents	Biphases	Pumps																			
		IN PARKING LOT OUTSIDE OIL HOUSE	CONCRETE/BLACK TOP	4" w/ FIXED DROP TUBE	3"	NONE	SUCTION																			
		North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Thread make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if known																			
7. UNDERGROUND WATER		Depth to the Water table NO WATER TO 132 Is the water over the tank? <input type="checkbox"/> Yes <input type="checkbox"/> No																								
8. FILL-UP ARRANGEMENTS		Tanks to be filled PRIOR to TEST Due Arranged by CHUCK KINTER <small>Name Telephone</small> Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead. EXTRA PRODUCT AVAILABLE ON TRUCK Terminal or other contact for notice or inquiry _____ <small>Company Name Telephone</small>																								
9. CONTRACTOR, MECHANICS, any other contractor involved		TERRA TECHNOLOGIES, INC. - ERIC D. SCHULZE																								
10. OTHER INFORMATION OR REMARKS		CHUCK KINTER AND JOHN DAVIS WERE PRESENT DURING TEST.																								
		Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test, etc.																								
11. TEST RESULTS		Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Tank Identification</th> <th>Tight</th> <th>Leakage Indicated</th> <th>Date Tested</th> </tr> </thead> <tbody> <tr> <td>20,000 GAL MINERAL OIL</td> <td>YES</td> <td>- .057 GPH</td> <td>1-23-89</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>					Tank Identification	Tight	Leakage Indicated	Date Tested	20,000 GAL MINERAL OIL	YES	- .057 GPH	1-23-89												
Tank Identification	Tight	Leakage Indicated	Date Tested																							
20,000 GAL MINERAL OIL	YES	- .057 GPH	1-23-89																							
12. SENSOR CERTIFICATION		13. This is to certify that these tank systems were tested on the date(s) shown. Those indicated as "Tight" meet the criteria established by the National Fire Protection Association Pamphlet 328. <small>Technicians</small> 1. ERIC D. SCHULZE TERRA TECHNOLOGIES, INC. Eric D. Schulze <small>Certification # 122112349 Testing Contractor or Company. By: Signature</small> P.O. Box 44460 COLUMBUS, OHIO 43204 <small>Address</small> 2. _____ Certification # _____																								

PH-8827

00000518



# BOWSER-MORNER, INC.

CORPORATE: 4518 Taylorsville Rd. • P. O. Box 51 • Dayton, Ohio 45401 • 513/236-8805

## LABORATORY REPORT

To: 51228 DP&L Dryden Road  
Attn: Stephen D. Sommer

Date: 02/09/90  
Lab. No.: 9001377 002  
Sample No.: 34780  
Authorization: WO#51228

On: One (1) Soil Sample Submitted for Chemical Analysis.

Sample Identification: 1-1 North Bottom

ANALYTE	RESULT	UNITS
Total Petroleum Hydrocarbons	233	mg/Kg
PCB	<1	mg/Kg

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

*Eric C. Wiegert*  
Eric C. Wiegert, Chemist  
Analytical Chemistry Laboratory

ECW/ECW  
1 -Client  
2 -File

The above analysis was performed in accordance with procedures listed in Title 40 of the Code of Federal Regulations, Parts 136.3 and 261-Appendices II and III. In lieu of other arrangements, all samples recovered for this project will be retained at this laboratory for a period of 30 days. All reports remain the confidential property of BOWSER-MORNER, INC. and no publication or distribution may be made without our expressed written consent, except as authorized by contract.

00000519



# BOWSER-MORNER, INC.

CORPORATE: 4518 Taylorsville Rd. • P. O. Box 51 • Dayton, Ohio 45401 • 513/236-8805

## LABORATORY REPORT

To: 51228 DP&L Dryden Road  
Attn: Stephen D. Sommer

Date: 02/09/90  
Lab. No.: 9001377 003  
Sample No.: 34781  
Authorization: WO#51228

On: One (1) Soil Sample Submitted for Chemical Analysis.

Sample Identification: 1-2 West Bottom

ANALYTE	RESULT	UNITS
Total Petroleum Hydrocarbons	42	mg/Kg
PCB	<1	mg/Kg

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

Eric C. Wiegert, Chemist  
Analytical Chemistry Laboratory

ECW/ECW  
1 -Client  
2 -File

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00000520



# BOWSER-MORNER, INC.

CORPORATE: 4518 Taylorsville Rd. • P. O. Box 51 • Dayton, Ohio 45401 • 513/236-8805

## LABORATORY REPORT

To: 51228 DP&L Dryden Road  
Attn: Stephen D. Sommer

Date: 02/09/90  
Lab. No.: 9001377 004  
Sample No.: 34782  
Authorization: WO#51228

On: One (1) Soil Sample Submitted for Chemical Analysis.

Sample Identification: 1-3 East Bottom

ANALYTE	RESULT	UNITS
Total Petroleum Hydrocarbons	73	mg/Kg
PCB	<1	mg/Kg

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

Eric C. Wiegert, Chemist  
Analytical Chemistry Laboratory

ECW/ECW  
1 -Client  
2 -File

The above analysis was performed in accordance with procedures listed in Title 40 of the Code of Federal Regulations, Parts 136.3 and 261-Appendices II and III. In lieu of other arrangements, all samples received for this project will be retained at this laboratory for a period of 30 days. All reports remain the confidential property of BOWSER-MORNER, INC. and no publication or distribution may be made without our expressed written consent, except as authorized by contract.

0.0000521



# BOWSER-MORNER, INC.

CORPORATE: 4518 Taylorsville Rd. • P. O. Box 51 • Dayton, Ohio 45401 • 513/236-8805

## LABORATORY REPORT

To: 51228 DP&L Dryden Road  
Attn: Stephen D. Sommer

Date: 02/09/90  
Lab. No.: 9001377 005  
Sample No.: 34783  
Authorization: WO#51228

On: One (1) Soil Sample Submitted for Chemical Analysis.

Sample Identification: 1-4 South Bottom

ANALYTE	RESULT	UNITS
Total Petroleum Hydrocarbons	23	mg/Kg
PCB	<1	mg/Kg

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

Eric C. Wiegert, Chemist  
Analytical Chemistry Laboratory

ECW/ECW  
1 -Client  
2 -File

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00000522





420 Davis Ave.  
P.O. Box 51  
Dayton, OH 45401

## CHAIN OF CUSTODY RECORD

109 E. Reynolds Rd.  
P.O. Box 24289  
Lexington, KY 40524

122 S. St. Clair St.  
P.O. Box 838  
Toledo, OH 43698

[illegible]



# BOWSER-MORNER, INC.

CORPORATE: 4518 Taylorsville Rd. • P. O. Box 51 • Dayton, Ohio 45401 • 513/236-8805

## LABORATORY REPORT

To: 51228 DP&L Dryden Road  
Attn: Stephen D. Sommer

Date: 02/19/90  
Lab. No.: 9002085 001  
Sample No.: 35936  
Authorization: WO#51228

On: One (1) Soil Sample Submitted for Chemical Analysis.

Sample Identification: 1-21 North Bottom

ANALYTE	RESULT	UNITS
Total Petroleum Hydrocarbons	65	mg/Kg

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

*Eric C. Wiegert*  
Eric C. Wiegert, Chemist  
Analytical Chemistry Laboratory

ECW/DGD  
1 -Client  
2 -File

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80000524



# BOWSER-MORNER, INC.

CORPORATE: 4518 Taylorsville Rd. • P. O. Box 51 • Dayton, Ohio 45401 • 513/236-8805

## LABORATORY REPORT

To: 51228 DP&L Dryden Road  
Attn: Stephen D. Sommer

Date: 02/19/90  
Lab. No.: 9002085 002  
Sample No.: 35937  
Authorization: WO#51228

On: One (1) Soil Sample Submitted for Chemical Analysis.

Sample Identification: 1-22 West Bottom

ANALYTE	RESULT	UNITS
Total Petroleum Hydrocarbons	30	mg/Kg

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

*Eric C. Wiegert*  
Eric C. Wiegert, Chemist  
Analytical Chemistry Laboratory

ECW/DGD  
1 -Client  
2 -File

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00000525



# BOWSER-MORNER, INC.

CORPORATE: 4518 Taylorsville Rd. • P. O. Box 51 • Dayton, Ohio 45401 • 513/236-8805

## LABORATORY REPORT

To: 51228 DP&L Dryden Road  
Attn: Stephen D. Sommer

Date: 02/19/90  
Lab. No.: 9002085 003  
Sample No.: 35938  
Authorization: WO#51228

On: One (1) Soil Sample Submitted for Chemical Analysis.

Sample Identification: 1-23 East Bottom

ANALYTE	RESULT	UNITS
Total Petroleum Hydrocarbons	77	mg/Kg

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

*Eric C. Wiegert*  
Eric C. Wiegert, Chemist  
Analytical Chemistry Laboratory

ECW/DGD  
1 -Client  
2 -File

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420 Davis Ave.  
P.O. Box 51  
Dayton, OH 45401

## CHAIN OF CUSTODY RECORD

**BOWSER-MORNER, INC., DISTRICT OFFICES**

169 E. Reynolds Rd.  
P.O. Box 24289  
Lexington, KY 40524

122 S. St. Clair St.  
P.O. Box 838  
Toledo, OH 43698

[illegible]



# BOWSER-MORNER, INC.

CORPORATE: 4518 Taylorsville Rd. • P. O. Box 51 • Dayton, Ohio 45401 • 513/236-8805

## LABORATORY REPORT

To: 51228 DP&L Dryden Road  
Attn: Stephen D. Sommer

Date: 6/2/22/90  
Lab. No.: 9002085 005  
Sample No.: 36475  
Authorization: WO#51228

On: One (1) Soil Sample Submitted for Chemical Analysis.

Sample Identification: 1-B Background 2-20

ANALYTE	RESULT	UNITS
Total Petroleum Hydrocarbons	120	mg/Kg

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

*Eric C. Wiegert*  
Eric C. Wiegert, Chemist  
Analytical Chemistry Laboratory

ECW/ECW  
1 -Client  
2 -File

The above analysis was performed in accordance with procedures listed in Title 40 of the Code of Federal Regulations, Parts 136.3 and 261-Appendices II and III. In lieu of other arrangements, all samples recovered for this project will be retained at this laboratory for a period of 30 days. All reports remain the confidential property of BOWSER-MORNER, INC. and no publication or distribution may be made without our expressed written consent, except as authorized by contract.

00000528



# BOWSER-MORNER, INC.

CORPORATE: 4518 Taylorsville Rd. • P. O. Box 51 • Dayton, Ohio 45401 • 513/236-8805

## LABORATORY REPORT

To: 51228 DP&L Dryden Road  
Attn: Stephen D. Sommer

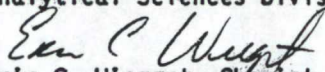
Date: 02/22/90  
Lab. No.: 9002085 006  
Sample No.: 36476  
Authorization: WO#51228

On: One (1) Soil Sample Submitted for Chemical Analysis.

Sample Identification: 1-211 North 2-20

ANALYTE	RESULT	UNITS
Total Petroleum Hydrocarbons	167	mg/Kg

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

  
Eric C. Wiegert, Chemist  
Analytical Chemistry Laboratory

ECW/ECW  
1 -Client  
2 -File

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00000529







# BOWSER-MORNER, INC.

CORPORATE: 4518 Taylorsville Rd. • P. O. Box 51 • Dayton, Ohio 45401 • 513/236-8805

## LABORATORY REPORT

To: 51228 DP&L Dryden Road  
Attn: Stephen D. Sommer

Date: 02/12/90  
Lab. No.: 9001377 001  
Sample No.: 34563  
Authorization: WO#51228

On: One (1) Soil Sample Submitted for Chemical Analysis.

Sample Identification: #1 Landfill No. 1m

ANALYTE	RESULT	UNITS
PCB	3	mg/Kg PCB-1260
pH	7.9	
Free Liquids	NONE	mg/Kg
Lead EP TOX	<0.5	mg/L
Cadmium EP TOX	<0.25	mg/L
Reactive Cyanide	<0.09	mg/Kg
Reactive Sulfide	<0.11	mg/Kg
Flash Point Testing	No Flash	to 210° F

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

*Eric C. Wiegert*  
Eric C. Wiegert, Chemist  
Analytical Chemistry Laboratory

ECW/DGD  
1 -Client  
2 -File

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00000531



00000532



# BOWSER-MORNER, INC.

CORPORATE: 4518 Taylorsville Rd. • P. O. Box 51 • Dayton, Ohio 45401 • 513/236-8805

## LABORATORY REPORT

To: 51228 DP&L Dryden Road  
Attn: Stephen D. Sommer

Date: 02/20/90  
Lab. No.: 9002085 004  
Sample No.: 36288  
Authorization: WO#51228

On: One (1) Sample Submitted for Chemical Analysis.

Sample Identification: XX 2-16 2:50 Soil

ANALYTE	RESULT	UNITS
Benzene	<5	ug/Kg
Toluene	<5	ug/Kg
Ethylbenzene	<5	ug/Kg
Xylene	<5	ug/Kg

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

*Eric C. Wiegert*  
Eric C. Wiegert, Chemist  
Analytical Chemistry Laboratory

ECH/DGD  
1 -Client  
2 -File

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**BOWSER-MORNER, INC.**  
420 Davis Ave.  
P.O. Box 51  
Dayton, OH 45401

## CHAIN OF CUSTODY RECORD

**BOWSER-MORNER, INC., DISTRICT OFFICES**

169 E. Reynolds Rd. P.O. Box 24289 Lexington, KY 40524	122 S. St. Clair St. P.O. Box 838 Toledo, OH 43686
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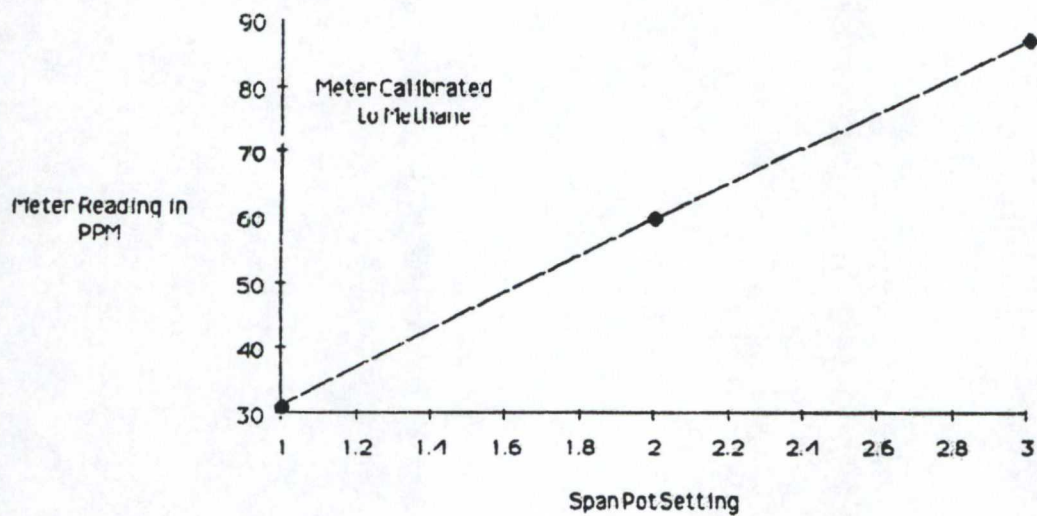
[illegible]

04000534



Hazco Services Inc.

OVA 128 CH340D 09



Calibration Points  
3.0-87, 2.0-60, 1.0-31

Return Equipment To: 2006 Springboro West Road • Dayton, Ohio 45439  
Nationwide Hotline: 800/352-0435 • In Ohio: 800/343-0256

0.0000535



NO. 5700860 COUNTY Montgomery

NAME DP&L Service Building

ADDRESS 1900 Dryden Rd.

P. CODE Dayton, 45401-1807

00000644





## Ohio Department of Commerce

George V. Voinovich, Governor

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations  
6450 Poe Avenue, Suite 104 • Dayton, OH 45414-2646 • (513) 454-7500

Nancy S. Chiles, Director

May 27, 1992

Ms. Mariann Quinn  
Dayton Power & Light  
PO Box 1247  
Dayton, OH 45401

RE: Dayton Power & Light  
1900 Dryden Rd.  
Dayton, OH 45401  
Montgomery County  
Incident #5700860-00

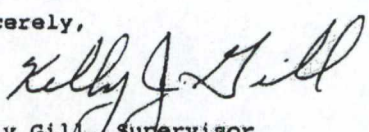
Dear Mr. Raffitt:

The State Fire Marshal, Bureau of Underground Storage Tank Regulations (SFM, BUSTR) has received information regarding the closure of the underground storage tank (UST) system (s) located at the aforementioned site. Our review of the analytical results and associated information indicates that you have met the current requirements for UST closure assessments. Regarding closure assessment activities at this site, BUSTR is not requiring any further action at this time.

Due to the information potentially not discovered or revealed, nothing in this letter should be interpreted as a guarantee or warrantee that no problem exist at the aforementioned site. In addition, this letter does not release the responsible party from future responsibility and liability under sections 3737.88 through 3737.89 of the Ohio Revised Code, other state laws and regulations under the Federal Clean Water Act, Resource Conservation and Recovery Act, or Comprehensive Environmental Response, Compensation, and Liability Act for remedying conditions resulting from any release of contaminants to the environment.

If you have questions about this determination, please contact Brian Tarver at (513) 454-7507.

Sincerely,

  
Kelly Gill, Supervisor  
Environmental Review Unit  
Bureau of Underground  
Storage Tank Regulations

KG:cah

cc: File #5700860-00

00000645



UPDATE.001 REV 8789

- [1] REASON FOR LISTING UPDATE

- [2] NEW SITE LISTING DATA

SITE COORDINATOR: \_\_\_\_\_ CONTRACTOR: \_\_\_\_\_ WORK ORDER: \_\_\_\_\_

## - \* [3] SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES)

(First sentence - why is it a 1? Second sentence - who is doing what at this time)

## - [4] NEW EXCEPTION REPORT DATA

- (5) SITE MANAGEMENT REMARKS

(BUSTR actions needed/taken, reports expected, etc.)

## CHANGE TO NFA STATUS

## - [6] FOLLOW-UP BUISTR ACTIONS/ASSIGNMENT

(For use by supervisor)

UPDATE SUBMITTED BY: Sam J. Tolan DATE: 5/6/92

APPROVED: Kelly Hill DATE: 5/13/92 ENTRY: THOMPSON DATE: 5/14/92

99999946



Revised: February 7, 1992

Reviewed by: Brian J. Tanner  
Incident Number: 5700860  
UST Owner: Mariann Quinn, DP&L Co.  
UST Owner Address: P.O. Box 7247  
Dayton 45401

Date: 4-10-92

**SAMPLING , REMEDIATION, AND DISPOSAL INFORMATION**

	YES	NO	
Field Screening (if applicable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1-26-90</u> Date Removed
Correct Number of Samples -3 highest if screened -or all samples (eg: ♦ under each end of tank ♦ under dispenser ♦ every 20' of piping)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Appropriate Test Method (including detection limit) -418.1 TPH & 8020 BTEX -DL = 100ppb (consider substance stored)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Proper Soil Disposal -used as backfill (if less than PCS) -landfill -stockpiled (waiting for disposal if pit already backfilled with clean fill)	<input type="checkbox"/>	<input type="checkbox"/>	

**ANALYTICAL RESULTS (highest readings)**

Benzene	<u>&lt;5</u>
Toluene	<u>&lt;5</u>
Ethylbenzene	<u>&lt;5</u>
Xylene(s)	<u>&lt;5</u>
TPH(ppm)	<u>65</u>

	YES	NO
Recommend NFA Status	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Approved by: K. J. [Signature]  
Signature: [Signature]

Date: 5/13/92

00000647





**BOWSER  
MORNER**

COMMITTED TO EXCELLENCE  
SINCE 1911

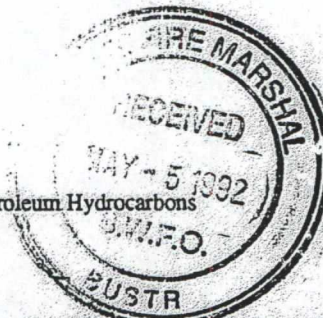
4518 Taylorsville Road  
P.O. Box 51  
Dayton, OH 45401-0051  
513-236-8805

513-233-2016 FAX

May 1, 1992

Attn: Mr. Brian J. Tarver  
Ohio Dept. of Commerce  
Division of State Fire Marshal  
Division of Underground Storage Tank Regulations  
6450 Poe Ave.  
Dayton, OH 45414

Re: Total Petroleum Hydrocarbons



Dear Mr. Tarver

In response to your facsimile of April 24<sup>th</sup> inquiring of the test methods utilized for the analysis of "Total Petroleum Hydrocarbons". I have put together the BOWSER-MORNER INC. report numbers relative to your inquiries and their respective methods. The following is a listing of said reports.

BUSTER INC #	BMI Job #	BUSTER INC #	BMI Job #
1201132-00	9005302 001 - 006	5700955-00	9003266 003 - 005
1201132-00	9006145 001 - 003	5700962-00	9003244 001 - 004
1202863-00	9010082 001 - 003	5702452-00	9010354 023 - 026
3100705-00	9002272 001 - 003	5702599-00	9011074 012 - 015
3101164-00	9004227 001 - 005	5710558-00	9011074 027,029,031,040
5500136-00	9004422 001 - 002	5710619-00	9010354 001 - 004
5700817-00	9001137 001 - 005	5710620-00	9010354 005 - 008
5700860-00	9001377 002 - 005	6802693-00	9011377 001 - 003
5700860-00	9002085 001 - 003	6802693-00	9102123 001 - 003
5700955-00	9002328 001 - 003	7500679-00	9002283 001 - 003

All of the BOWSER-MORNER INC report numbers listed above were analyzed by either method 418.1 (water matrices) and / or method 9071 / 418.1 (soil matrices). These methods are from USEPA document SW846 'Test Methods for Evaluating Solid Waste' or USEPA document 600/4-79-020 'Methods for Chemical Analysis of Water & Wastes'.

If the information presented is incomplete or not to your satisfaction please feel free to contact me at 236 - 8805 ext. 228

Respectfully Submitted,  
BOWSER-MORNER, INC.  
Analytical Sciences Division

*Eric C. Wiegert*  
Eric C. Wiegert, Manager

ECW/ecw

ANALYTICAL SCIENCES • GEO-ENVIRONMENTAL SERVICES • CONSTRUCTION SERVICES

OTHER LOCATIONS: TOLEDO, OH AND LEXINGTON, KY

00000648



EXISTING INCIDENT #: 5700860 . . . . .

FACILITY NAME: Dayton Power & Light NEW FACILITY INFO? YES ☒ NO  
(Update on back)

- [1] Written report/results received from owner/operator.
- [2] Verbal report/results received from owner/operator.
- [3] Written report received from BUSTR contractor.
- [4] Information collected from BUSTR field examination/inspection.
- [5] Change in site coordinator/contractor assignment.
- [6] Change/delete existing incident number - explain change in remarks section [5].
- [7] Create new incident number for additional suspected facility/location.
- [8] Orders issued.
- [9] Other: *Change status from SHS to RPT*

INCIDENT #: |\_|\_|\_|\_|\_|\_|\_|\_| - |\_|\_|\_|\_| - |\_|\_|\_|\_|

REPORT NUMBER FAC TRKG# SPRC

EMERGENCY RESPONSE:   \_\_ YES \_\_ NO      BY:    FM (\_\_\_\_\_)    OEPA    USEPA

STATUS:    RPT   SUS   DIS   COM   ICA   ICR   ICC   SAS   SAC   CAS   CAP   NFA

PRIORITY:    \_\_ 1\* \_\_ 2    3    4    5

CLASSIFICATION:    \_\_ A    B    C    D                  LTF ELIGIBILITY:    \_\_ YES (1)    NO (2)

SITE COORDINATOR:                                  CONTRACTOR:                                  WORK ORDER:

(First sentence - why is it a 1? Second sentence - who is doing what at this time)

[1] State plans to obligate over \$100,000 at a site.  
 [2] State actually obligated over \$100,000 at a site (cumulative expenses exceeded \$100,000 this quarter).  
 [3] State plans to use innovative or experimental technology at the site.  
 [4] State plans to provide permanent alternative drinking water supply.  
 [5] State plans to permanently relocate residents.  
 [6] State reached/received cost recovery settlement; amount:

(BUSTR actions needed/taken, reports expected, etc.)

(For use by supervisor)

UPDATE SUBMITTED BY: John J. Tamm DATE: 5/8/91  
APPROVED: [Signature] DATE: 5/10/91 ENTRY: Stoney DATE: MAY 14 1991

00000649



## SITE LISTING UPDATE FORM

EXISTING INCIDENT #: 5700869 .    .   

UPDATE.001 REV 8/89

FACILITY NAME: Dayton Power & Light NEW FACILITY INFO? YES YES ✓ NO

— [1] REASON FOR LISTING UPDATE

- (1) Written report/results received from owner/operator.
- (2) Verbal report/results received from owner/operator.
- (3) Written report received from BUSTR contractor.
- (4) Information collected from BUSTR field examination/inspection.
- (5) Change in site coordinator/contractor assignment.
- (6) Change/delete existing incident number - explain change in remarks section (5).
- (7) Create new incident number for additional suspected facility/location.
- (8) Orders issued.
- (9) Other:

- ☒ NEW SITE LISTING DATA

INCIDENT #: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_  
REPORT NUMBER FAC TRKG# SPRC

EMERGENCY RESPONSE: ☐ YES ☐ NO BY: ☐ FM ( ☐ ) ☐ OEPA ☐ USEPA

STATUS:      RPT      SUS      DIS      CON      ICA      ICR      ICC      SAS      SAC      CAS      CAP      NFA

PRIORITY: 1\* 2 3 4 5

CLASSIFICATION:      A      B      C      D LTF ELIGIBILITY:      YES (1)      NO (2)

SITE COORDINATOR: TARVER CONTRACTOR: \_\_\_\_\_ WORK ORDER: \_\_\_\_\_

## - \* [3] SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES)

(First sentence - why is it a 1? Second sentence - who is doing what at this time)

CHANGE COORDINATOR FROM PREVENT TO TARVER

— [4] NEW EXCEPTION REPORT DATA

- (1) State plans to obligate over \$100,000 at a site.  
 (2) State actually obligated over \$100,000 at a site (cumulative expenses exceeded \$100,000 this quarter).  
 (3) State plans to use innovative or experimental technology at the site.  
 (4) State plans to provide permanent alternative drinking water supply.  
 (5) State plans to permanently relocate residents.  
 (6) State reached/received cost recovery settlement; amount: \_\_\_\_\_.

## - (5) SITE MANAGEMENT REMARKS

(BUSTR actions needed/taken, reports expected, etc.)

## - [6] FOLLOW-UP BISTR ACTIONS/ASSIGNMENT

(For use by supervisor)

UPDATE SUBMITTED BY: John H. [illegible] DATE: 4/19/91

APPROVED: W. J. [Signature] DATE: 9 12 91 ENTRY: Cherry DATE: 9 12 91

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